

Sheet 1 of 1

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: August 7, 2001

ATTY DOCKET N :
2001_1110ASERIAL NO.
NEW

09/890871

APPLICANT
Tatsuya NISHIMURA et al.FILING DATE
August 7, 2001

GR UP

1742

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HW	AA	3,975,247	8-17-76	Stralser			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
HW	AJ	09-215982 A	8-19-97	JP			
HW	AK	09-117782 A	5-6-97	JP			
HW	AL	52-114570 A	9-26-77	JP			
HW	AM	50-155347 u	12-23-75	JP			
HW	AN	99/07641	8-10-98	WO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER

Hany D. Wali, Jr.

DATE CONSIDERED

9/3/03

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

Date Submitted to PTO: November 28, 2001

NOV 28 2001

PTO-1449 (01-01)

CITY DOCKET NO.
2001_1110ASERIAL NO.
09/890,871APPLICANT
Tatsuya NISHIMURA et al.FILING DATE
August 7, 2001GROUP
1742

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NW	AA	4,389,288	6-21-83	Vaughan			
NW	AB	4,405,420	9-20-83	Vaughan			
KW	AC	4,752,364	6-21-88	Dhooge			
	AD						
	AE						RECEIVED NOV 30 2001
	AF						TC 1700
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
NW	AJ	9-206796	8-12-97	JP			X
NW	AK	9-215982	8-19-97	JP			X
	AL			Duplicate from PTO-1449 Filed 07 Aug. 2001			
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	
AP	
AQ	

EXAMINER Nancy D. Willitt

DATE CONSIDERED

4/3/03

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: July 23, 2002

ATTY DOCKET NO.
2001_1110ASERIAL NO.
09/890,871APPLICANT
Tatsuya NISHIMURA et al.FILING DATE
August 7, 2001GROUP
1742

JUL 23 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NW	AA 4,416,956	11/1983	Lawless			
NW	AB 5,439,577	8/1995	Weres et al.			
NW	AC 3,798,150	3/1974	A.E. Gilchrist			
AD						
AE						
AF						
AG						
AH						
AI						

RECEIVED
JUL 24 2002
TC 1700

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
NW	AJ 0 535 320 /	4/1993	EP			
NW	AK 2 780 986 /	1/2000	FR			
AL						
AM						
AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

NW	AO	DATABASE WPI, Section Ch, Week 198332, Derwent Publications Ltd., London, GB; Class D15, AN 1983-733133 XP002203345 & SU 962 212 A (Khark Rail Transpt), 30 September 1982.
	AP	
	AQ	

EXAMINER *Henry D. O'Wilhite*DATE CONSIDERED *4/13/03*